

## Storm Data and Unusual Weather Phenomena - March 2012

| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details                |
|--|--------------------|-------------------|---------------------|---------------------------------------|
| <b>LAKE HURON</b>  |                    |                   |                     |                                       |
| <b>HARBOR BEACH TO PORT SANILAC MI COUNTY --- 1.0 NNE HARBOR BEACH [43.86, -82.63]</b>   |                    |                   |                     |                                       |
|  | 03/15/12 14:31 EST | 0                 |                     | Marine Hail (1.00 in)                 |
|  | 03/15/12 14:31 EST | 0                 |                     | Source: Coast Guard                   |
| <b>PORT AUSTIN TO HARBOR BEACH MI COUNTY --- 1.0 NNE HARBOR BEACH [43.86, -82.63]</b>  |                    |                   |                     |                                       |
|  | 03/15/12 14:31 EST | 0                 |                     | Marine Hail (1.00 in)                 |
|  | 03/15/12 14:31 EST | 0                 |                     | Source: Coast Guard                   |
| <b>INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- 4.2 WNW SAGINAW RIVER MOUTH [43.67, -83.91]</b>   |                    |                   |                     |                                       |
|  | 03/15/12 15:30 EST | 0                 |                     | Marine Hail (1.00 in)                 |
|  | 03/15/12 15:30 EST | 0                 |                     | Source: Trained Spotter               |
| <b>INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- 4.2 WNW SAGINAW RIVER MOUTH [43.67, -83.91]</b>   |                    |                   |                     |                                       |
|  | 03/15/12 15:45 EST | 0                 |                     | Marine Hail (3.00 in)                 |
|  | 03/15/12 15:45 EST | 0                 |                     | Source: Trained Spotter               |
| <b>INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- 4.2 WNW SAGINAW RIVER MOUTH [43.67, -83.91]</b>   |                    |                   |                     |                                       |
|  | 03/15/12 15:50 EST | 0                 |                     | Marine Hail (2.00 in)                 |
|  | 03/15/12 15:50 EST | 0                 |                     | Source: Trained Spotter               |
| <b>INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- 2.6 WSW SAGINAW RIVER MOUTH [43.64, -83.88]</b>   |                    |                   |                     |                                       |
|  | 03/15/12 18:20 EST | 0                 |                     | Marine Hail (1.00 in)                 |
|  | 03/15/12 18:20 EST | 0                 |                     | Source: Trained Spotter               |
| <b>INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- 8.7 S PINCONNING [43.72, -83.98]</b>  |                    |                   |                     |                                       |
|  | 03/15/12 20:00 EST | 0                 |                     | Marine Hail (1.00 in)                 |
|  | 03/15/12 20:00 EST | 0                 |                     | Source: Trained Spotter               |
| Thunderstorms producing large hail moved through Saginaw Bay and southern Lake Huron.  |                    |                   |                     |                                       |
| <b>MICHIGAN, East</b>  |                    |                   |                     |                                       |
| <b>(MI-Z063) ST. CLAIR, (MI-Z069) OAKLAND, (MI-Z070) MACOMB, (MI-Z075) WASHTENAW, (MI-Z076) WAYNE, (MI-Z082) LENAWE, (MI-Z083) MONROE</b>  |                    |                   |                     |                                       |
|  | 03/02/12 21:00 EST | 0.11M             |                     | High Wind (MAX 50 kt)                 |
|  | 03/03/12 02:00 EST | 0                 |                     |                                       |
| A strong low pressure system tracking just north of southern Lower Michigan produced estimated wind gusts approaching 60 mph south of I-69. Over 100,000 customers across southeast Michigan lost power, due to the downed tree branches and power lines.  |                    |                   |                     |                                       |
| <b>MIDLAND COUNTY --- 0.9 NW COLEMAN [43.76, -84.59]</b>   |                    |                   |                     |                                       |
|  | 03/12/12 17:43 EST | 0                 |                     | Hail (1.25 in)                        |
|  | 03/12/12 17:43 EST | 0                 |                     | Source: Trained Spotter               |
| <b>MIDLAND COUNTY --- 2.3 WSW ALAMANDA [43.71, -84.57], 2.5 N NORTH BRADLEY [43.76, -84.49]</b>  |                    |                   |                     |                                       |
|  | 03/12/12 17:43 EST | 75K               |                     | Tornado (EF1, L: 5.11 mi , W: 125 yd) |
|  | 03/12/12 17:48 EST | 0                 |                     | Source: Emergency Manager             |
| An EF1 tornado with winds estimated at 90 mph started near Weinert and Lewis Roads where a Garage was destroyed. The tornado moved northeast damaging 3 or more pole barns and uprooting trees, especially around Alamando and Mando Roads and near the end of the Tornado path at M-18 and Shaffer Road. The tornado path was 5.1 miles with a maximum width of 125 yards. The tornado ended at 648 PM EDT. |                    |                   |                     |                                       |
| <b>MIDLAND COUNTY --- 2.8 S COLEMAN [43.71, -84.59]</b>  |                    |                   |                     |                                       |

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| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details                |
|---|--------------------|-------------------|---------------------|---------------------------------------|
|   | 03/12/12 17:43 EST |                   | 0                   | Hail (2.00 in)                        |
|   | 03/12/12 17:43 EST |                   | 0                   | Source: Broadcast Media               |
| <hr/>   |                    |                   |                     |                                       |
| <b>BAY COUNTY --- 3.1 SSE MT FOREST [43.84, -84.09]</b>   |                    |                   |                     |                                       |
|   | 03/12/12 18:20 EST |                   | 10K                 | Thunderstorm Wind (EG 65 kt)          |
|   | 03/12/12 18:20 EST |                   | 0                   | Source: Broadcast Media               |
| Multiple trees were blown down and a boat was reported destroyed.   |                    |                   |                     |                                       |
| Unusually mild air streaming into southeast Michigan coupled with large upper level low over the Western Great Lakes help produced a tornado across Midland county, along with large hail and a separate wind report across Bay county. |                    |                   |                     |                                       |
| <hr/>   |                    |                   |                     |                                       |
| <b>MACOMB COUNTY --- 1.4 N CENTER LINE [42.49, -83.03]</b>  |                    |                   |                     |                                       |
|   | 03/15/12 09:59 EST |                   | 0                   | Hail (1.50 in)                        |
|   | 03/15/12 09:59 EST |                   | 0                   | Source: Trained Spotter               |
| <hr/>   |                    |                   |                     |                                       |
| <b>MACOMB COUNTY --- 2.1 ENE CENTER LINE [42.48, -82.99]</b>  |                    |                   |                     |                                       |
|   | 03/15/12 10:00 EST |                   | 0                   | Hail (1.75 in)                        |
|   | 03/15/12 10:00 EST |                   | 0                   | Source: Broadcast Media               |
| <hr/>   |                    |                   |                     |                                       |
| <b>HURON COUNTY --- 3.7 SW CASEVILLE [43.89, -83.32]</b>  |                    |                   |                     |                                       |
|   | 03/15/12 14:28 EST |                   | 0                   | Hail (0.75 in)                        |
|   | 03/15/12 14:28 EST |                   | 0                   | Source: Law Enforcement               |
| <hr/>   |                    |                   |                     |                                       |
| <b>HURON COUNTY --- 2.1 N HARBOR BEACH [43.86, -82.65]</b>  |                    |                   |                     |                                       |
|   | 03/15/12 14:31 EST |                   | 0                   | Hail (1.00 in)                        |
|   | 03/15/12 14:31 EST |                   | 0                   | Source: Coast Guard                   |
| <hr/>   |                    |                   |                     |                                       |
| <b>HURON COUNTY --- 0.7 S POPPLE [43.76, -83.10]</b>  |                    |                   |                     |                                       |
|   | 03/15/12 15:12 EST |                   | 0                   | Hail (0.75 in)                        |
|   | 03/15/12 15:12 EST |                   | 0                   | Source: Trained Spotter               |
| <hr/>   |                    |                   |                     |                                       |
| <b>LIVINGSTON COUNTY --- 1.7 NE HOWELL [42.62, -83.91]</b>  |                    |                   |                     |                                       |
|   | 03/15/12 15:28 EST |                   | 0                   | Hail (0.75 in)                        |
|   | 03/15/12 15:28 EST |                   | 0                   | Source: Public                        |
| <hr/>   |                    |                   |                     |                                       |
| <b>BAY COUNTY --- 0.5 E BANGOR TOWNSHIP [43.67, -83.91]</b>   |                    |                   |                     |                                       |
|   | 03/15/12 15:30 EST |                   | 0                   | Hail (1.00 in)                        |
|   | 03/15/12 15:30 EST |                   | 0                   | Source: Law Enforcement               |
| <hr/>   |                    |                   |                     |                                       |
| <b>BAY COUNTY --- 0.5 E BANGOR TOWNSHIP [43.67, -83.91]</b>   |                    |                   |                     |                                       |
|   | 03/15/12 15:45 EST |                   | 0                   | Hail (3.00 in)                        |
|   | 03/15/12 15:45 EST |                   | 0                   | Source: Trained Spotter               |
| <hr/>   |                    |                   |                     |                                       |
| <b>BAY COUNTY --- 0.5 E BANGOR TOWNSHIP [43.67, -83.91]</b>   |                    |                   |                     |                                       |
|   | 03/15/12 15:50 EST |                   | 0                   | Hail (2.00 in)                        |
|   | 03/15/12 15:50 EST |                   | 0                   | Source: Trained Spotter               |
| <hr/>   |                    |                   |                     |                                       |
| <b>LIVINGSTON COUNTY --- 1.2 SW PINCKNEY [42.44, -83.95]</b>  |                    |                   |                     |                                       |
|   | 03/15/12 16:07 EST |                   | 0                   | Hail (1.00 in)                        |
|   | 03/15/12 16:07 EST |                   | 0                   | Source: Trained Spotter               |
| <hr/>   |                    |                   |                     |                                       |
| <b>WASHTENAW COUNTY --- 2.2 WNW HUDSON MILLS [42.40, -83.96], 1.2 W SCIO [42.32, -83.85]</b>  |                    |                   |                     |                                       |
|   | 03/15/12 16:18 EST |                   | 12M                 | Tornado (EF3, L: 7.57 mi , W: 800 yd) |
|   | 03/15/12 16:56 EST |                   | 0                   | Source: NWS Storm Survey              |

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|---|--------------------|-------------------|---------------------|------------------------------|
| <p>A National Weather Service Storm Survey confirmed an EF-3 tornado touched down near Dexter, MI with maximum wind speeds of 135-140 mph. The path length was 7.6 miles with a maximum width of 800 yards. The tornado touched down at 5:18 pm just northeast of the intersection of N Territorial and Dexter Townhall Rd. The tornado moved southeast and produced EF-1 damage with winds estimated at 100 mph. Damage was limited to uprooted and snapped trees as well as minor roof damage. The tornado strengthened as it hit the Horseshoe Bend Subdivision with winds estimated at 120 mph and structural damage to the outside of homes. The tornado then continued to track southeast alongside Dexter-Pinckney Rd. and produced EF-3 damage at 5:31pm. Winds estimated at 135-140 mph destroyed one home northwest of Dexter. The tornado then made a left turn and paralleled Huron River Dr. producing EF-2 damage on the north side of Dexter. The tornado then produced EF-3 damage again at 5:49pm in the Huron Farms Subdivision with winds estimated at 135-140 mph. One home was destroyed and another house had only interior rooms left standing. The tornado then weakened as it moved southeast and lifted at 5:56 pm near the intersection of Zeeb Rd. and Ann Arbor-Dexter Rd. In total, 20 homes were severely damaged, with some damage to at least 200 homes.</p> |                    |                   |                     |                              |
| <b>WASHTENAW COUNTY --- 2.3 SSW LIMA [42.27, -83.97]</b>  |                    |                   |                     |                              |
|   | 03/15/12 16:19 EST |                   | 0                   | Hail (1.00 in)               |
|   | 03/15/12 16:19 EST |                   | 0                   | Source: State Official       |
| <b>WASHTENAW COUNTY --- 2.0 W HUDSON MILLS [42.38, -83.96]</b>  |                    |                   |                     |                              |
|   | 03/15/12 16:20 EST |                   | 0                   | Thunderstorm Wind (EG 52 kt) |
|   | 03/15/12 16:20 EST |                   | 0                   | Source: NWS Storm Survey     |
| A few trees were blown down.  |                    |                   |                     |                              |
| <b>WASHTENAW COUNTY --- 1.0 W WHITMORE LAKE [42.42, -83.77]</b>   |                    |                   |                     |                              |
|   | 03/15/12 16:30 EST |                   | 0                   | Hail (1.00 in)               |
|   | 03/15/12 16:30 EST |                   | 0                   | Source: Trained Spotter      |
| <b>WASHTENAW COUNTY --- 1.7 NE DEXTER [42.35, -83.85]</b>   |                    |                   |                     |                              |
|   | 03/15/12 16:40 EST |                   | 0                   | Hail (1.75 in)               |
|   | 03/15/12 16:40 EST |                   | 0                   | Source: Trained Spotter      |
| <b>WASHTENAW COUNTY --- 1.5 SSW CHELSEA [42.30, -84.03]</b>   |                    |                   |                     |                              |
|   | 03/15/12 16:42 EST |                   | 0                   | Hail (1.00 in)               |
|   | 03/15/12 16:42 EST |                   | 0                   | Source: Trained Spotter      |
| <b>WASHTENAW COUNTY --- 1.7 ESE ANN ARBOR YOUNG ARPT [42.29, -83.84]</b>  |                    |                   |                     |                              |
|   | 03/15/12 16:42 EST |                   | 0                   | Hail (1.25 in)               |
|   | 03/15/12 16:42 EST |                   | 0                   | Source: Trained Spotter      |
| <b>WASHTENAW COUNTY --- 0.9 SW DEXTER [42.32, -83.88]</b>   |                    |                   |                     |                              |
|   | 03/15/12 16:53 EST |                   | 0                   | Hail (2.75 in)               |
|   | 03/15/12 16:53 EST |                   | 0                   | Source: Public               |
| <b>WASHTENAW COUNTY --- 0.5 W DEXTER [42.33, -83.88]</b>  |                    |                   |                     |                              |
|   | 03/15/12 16:55 EST |                   | 0                   | Hail (1.50 in)               |
|   | 03/15/12 16:55 EST |                   | 0                   | Source: Trained Spotter      |
| <b>WASHTENAW COUNTY --- 0.7 S CHELSEA [42.31, -84.02]</b>   |                    |                   |                     |                              |
|   | 03/15/12 16:55 EST |                   | 0                   | Hail (1.00 in)               |
|   | 03/15/12 16:55 EST |                   | 0                   | Source: Trained Spotter      |
| <b>LAPEER COUNTY --- 0.9 SE OTTER LAKE [43.21, -83.46]</b>  |                    |                   |                     |                              |
|   | 03/15/12 17:03 EST |                   | 0                   | Hail (1.50 in)               |
|   | 03/15/12 17:03 EST |                   | 0                   | Source: Amateur Radio        |
| <b>WASHTENAW COUNTY --- 2.6 NE ANN ARBOR [42.31, -83.70]</b>  |                    |                   |                     |                              |
|   | 03/15/12 17:10 EST |                   | 0                   | Hail (0.75 in)               |
|   | 03/15/12 17:10 EST |                   | 0                   | Source: Trained Spotter      |
| <b>TUSCOLA COUNTY --- 1.5 NNW MILLINGTON ARPT [43.25, -83.53]</b>   |                    |                   |                     |                              |

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|--|--------------------|-------------------|---------------------|---------------------------------|
|  | 03/15/12 17:12 EST |                   | 0                   | Hail (1.00 in)                  |
|  | 03/15/12 17:12 EST |                   | 0                   | Source: Emergency Manager       |
| <hr/>  |                    |                   |                     |                                 |
| <b>WASHTENAW COUNTY --- 1.0 W ANN ARBOR [42.28, -83.75]</b>  |                    |                   |                     |                                 |
|  | 03/15/12 17:20 EST |                   | 0                   | Hail (1.00 in)                  |
|  | 03/15/12 17:20 EST |                   | 0                   | Source: COOP Observer           |
| <hr/>  |                    |                   |                     |                                 |
| <b>WASHTENAW COUNTY --- 2.1 S ANN ARBOR [42.25, -83.73]</b>  |                    |                   |                     |                                 |
|  | 03/15/12 17:20 EST |                   | 0                   | Hail (2.00 in)                  |
|  | 03/15/12 17:20 EST |                   | 0                   | Source: Trained Spotter         |
| <hr/>  |                    |                   |                     |                                 |
| <b>WASHTENAW COUNTY --- ANN ARBOR [42.28, -83.73]</b>  |                    |                   |                     |                                 |
|  | 03/15/12 17:20 EST |                   | 0                   | Hail (1.00 in)                  |
|  | 03/15/12 17:20 EST |                   | 0                   | Source: Trained Spotter         |
| <hr/>  |                    |                   |                     |                                 |
| <b>MONROE COUNTY --- 0.9 NE LULU [41.89, -83.61]</b>   |                    |                   |                     |                                 |
|  | 03/15/12 17:25 EST |                   | 0                   | Hail (1.00 in)                  |
|  | 03/15/12 17:25 EST |                   | 0                   | Source: Trained Spotter         |
| <hr/>  |                    |                   |                     |                                 |
| <b>WASHTENAW COUNTY --- 0.5 W GEDDES [42.27, -83.68]</b>   |                    |                   |                     |                                 |
|  | 03/15/12 17:25 EST |                   | 0                   | Hail (0.88 in)                  |
|  | 03/15/12 17:25 EST |                   | 0                   | Source: Trained Spotter         |
| <hr/>  |                    |                   |                     |                                 |
| <b>GENESEE COUNTY --- 1.5 E OTISVILLE ARPT [43.20, -83.52]</b>   |                    |                   |                     |                                 |
|  | 03/15/12 17:28 EST |                   | 0                   | Hail (1.50 in)                  |
|  | 03/15/12 17:28 EST |                   | 0                   | Source: Amateur Radio           |
| <hr/>  |                    |                   |                     |                                 |
| <b>WASHTENAW COUNTY --- 1.7 ENE ANN ARBOR ARPT [42.23, -83.70]</b>   |                    |                   |                     |                                 |
|  | 03/15/12 17:30 EST |                   | 0                   | Hail (1.00 in)                  |
|  | 03/15/12 17:30 EST |                   | 0                   | Source: Trained Spotter         |
| <hr/>  |                    |                   |                     |                                 |
| <b>WASHTENAW COUNTY --- 3.8 SSE ANN ARBOR YOUNG ARPT [42.25, -83.84], 1.0 W ANN ARBOR [42.28, -83.75], ANN ARBOR ARPT [42.22, -83.73], 2.6 WSW (ARB)ANN ARBOR MUNI [42.21, -83.80]</b> |                    |                   |                     |                                 |
|  | 03/15/12 17:30 EST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|  | 03/15/12 20:30 EST |                   | 0                   | Source: Trained Spotter         |
| <hr/>  |                    |                   |                     |                                 |
| Three to four feet of water was reported to be covering several roads.   |                    |                   |                     |                                 |
| <hr/>  |                    |                   |                     |                                 |
| <b>WASHTENAW COUNTY --- 2.6 ENE ANN ARBOR ARPT [42.23, -83.68]</b>   |                    |                   |                     |                                 |
|  | 03/15/12 17:32 EST |                   | 0                   | Hail (1.25 in)                  |
|  | 03/15/12 17:32 EST |                   | 0                   | Source: Trained Spotter         |
| <hr/>  |                    |                   |                     |                                 |
| <b>MONROE COUNTY --- 1.7 ESE LULU [41.87, -83.59]</b>  |                    |                   |                     |                                 |
|  | 03/15/12 17:39 EST |                   | 0                   | Hail (1.00 in)                  |
|  | 03/15/12 17:39 EST |                   | 0                   | Source: Trained Spotter         |
| <hr/>  |                    |                   |                     |                                 |
| <b>TUSCOLA COUNTY --- 3.3 NW CARO MUNI ARPT [43.50, -83.48]</b>  |                    |                   |                     |                                 |
|  | 03/15/12 17:45 EST |                   | 0                   | Hail (1.50 in)                  |
|  | 03/15/12 17:45 EST |                   | 0                   | Source: Amateur Radio           |
| <hr/>  |                    |                   |                     |                                 |
| <b>TUSCOLA COUNTY --- 4.9 SSE NORTH LAKE [43.16, -83.41]</b>   |                    |                   |                     |                                 |
|  | 03/15/12 17:45 EST |                   | 0                   | Hail (2.00 in)                  |
|  | 03/15/12 17:45 EST |                   | 0                   | Source: Public                  |
| <hr/>  |                    |                   |                     |                                 |
| <b>OAKLAND COUNTY --- 2.6 ESE NEWARK [42.86, -83.57]</b>   |                    |                   |                     |                                 |
|  | 03/15/12 17:46 EST |                   | 0                   | Hail (1.00 in)                  |
|  | 03/15/12 17:46 EST |                   | 0                   | Source: Trained Spotter         |

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| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details                |
|--|--------------------|-------------------|---------------------|---------------------------------------|
| <b>LAPEER COUNTY --- 1.8 SSW COLUMBIAVILLE [43.13, -83.43], 0.3 NNE MILLVILLE [43.10, -83.35]</b>  |                    |                   |                     |                                       |
|  | 03/15/12 17:49 EST |                   | 0.50M               | Tornado (EF2, L: 4.59 mi , W: 400 yd) |
|  | 03/15/12 18:04 EST |                   | 0                   | Source: NWS Storm Survey              |
| A National Weather Service Storm Damage Survey confirmed the occurrence of a tornado in western Lapeer County, approximately 3 miles south of Columbiaville or 5 miles northwest of Lapeer. The tornado produced damage consistent with a rating of EF2, with maximum wind speeds of around 125 mph. The tornado damage path was roughly 4.6 miles long with a maximum width of 400 yards. The damage extended from near the intersection of Mt. Morris Road and German Road with a touchdown of approximately 649 PM EDT to near the intersection of Flint River Road and Millville Road by approximately 704 PM EDT. Damage along much of the path was primarily uprooted trees and minor structural damage. The most intense damage occurred along Carpenter Road, roughly one quarter mile south of Stanley Road, at 700 PM EDT. A house was shifted off the foundation and an attached garage was destroyed at this location. |                    |                   |                     |                                       |
| <b>MONROE COUNTY --- 2.9 NW YARGERVILLE [41.86, -83.57], 3.1 ESE LULU [41.87, -83.56]</b>  |                    |                   |                     |                                       |
|  | 03/15/12 17:50 EST |                   | 50K                 | Tornado (EF0, L: 0.56 mi , W: 50 yd)  |
|  | 03/15/12 17:52 EST |                   | 0                   | Source: Emergency Manager             |
| A tornado was confirmed in central Monroe county. The tornado was rated an EF0, with maximum wind speeds of 85 mph. The estimated path length of the tornado is 0.5 miles with a maximum width of 50 yards. Damage occurred along Ida Center Road just east of Lewis Rd. The damage consisted of siding and shingles blown off a house, a tipped car, a shed destroyed and trees blown down.   |                    |                   |                     |                                       |
| <b>LENAWEE COUNTY --- 3.3 NE BRITTON [42.01, -83.78]</b>   |                    |                   |                     |                                       |
|  | 03/15/12 17:53 EST |                   | 0                   | Hail (1.00 in)                        |
|  | 03/15/12 17:53 EST |                   | 0                   | Source: Trained Spotter               |
| <b>TUSCOLA COUNTY --- 0.7 N CARO [43.49, -83.40]</b>   |                    |                   |                     |                                       |
|  | 03/15/12 17:55 EST |                   | 0                   | Hail (0.75 in)                        |
|  | 03/15/12 17:55 EST |                   | 0                   | Source: Trained Spotter               |
| <b>LAPEER COUNTY --- 2.8 N MILLVILLE [43.14, -83.35]</b>   |                    |                   |                     |                                       |
|  | 03/15/12 17:57 EST |                   | 0                   | Hail (1.50 in)                        |
|  | 03/15/12 17:57 EST |                   | 0                   | Source: Trained Spotter               |
| <b>MONROE COUNTY --- 1.5 NNW LA SALLE [41.89, -83.46]</b>  |                    |                   |                     |                                       |
|  | 03/15/12 17:57 EST |                   | 0                   | Hail (1.00 in)                        |
|  | 03/15/12 17:57 EST |                   | 0                   | Source: Trained Spotter               |
| <b>MONROE COUNTY --- 1.0 W PATTERSON GARDENS [41.93, -83.47]</b>   |                    |                   |                     |                                       |
|  | 03/15/12 18:00 EST |                   | 0                   | Hail (1.25 in)                        |
|  | 03/15/12 18:00 EST |                   | 0                   | Source: Emergency Manager             |
| <b>SANILAC COUNTY --- 2.6 SE TYRE [43.64, -82.87]</b>  |                    |                   |                     |                                       |
|  | 03/15/12 18:07 EST |                   | 0                   | Hail (1.75 in)                        |
|  | 03/15/12 18:07 EST |                   | 0                   | Source: Law Enforcement               |
| <b>MONROE COUNTY --- 1.5 NNW DUNDEE [41.97, -83.66]</b>  |                    |                   |                     |                                       |
|  | 03/15/12 18:09 EST |                   | 0                   | Hail (1.00 in)                        |
|  | 03/15/12 18:09 EST |                   | 0                   | Source: Trained Spotter               |
| <b>BAY COUNTY --- 0.7 S BAYSIDE [43.64, -83.88]</b>  |                    |                   |                     |                                       |
|  | 03/15/12 18:20 EST |                   | 0                   | Hail (1.00 in)                        |
|  | 03/15/12 18:20 EST |                   | 0                   | Source: Trained Spotter               |
| <b>LAPEER COUNTY --- 0.9 NE ELBA [43.04, -83.44]</b>   |                    |                   |                     |                                       |
|  | 03/15/12 18:35 EST |                   | 0                   | Hail (1.50 in)                        |
|  | 03/15/12 18:35 EST |                   | 0                   | Source: Trained Spotter               |
| <b>LAPEER COUNTY --- 0.9 NE ELBA [43.04, -83.44]</b>   |                    |                   |                     |                                       |

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| Location | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details       |
|----------|--------------------|-------------------|---------------------|------------------------------|
|          | 03/15/12 18:35 EST |                   | 0                   | Thunderstorm Wind (EG 61 kt) |
|          | 03/15/12 18:35 EST |                   | 0                   | Source: Trained Spotter      |

A trained spotter estimated a 70 mph thunderstorm wind gust.

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### LAPEER COUNTY --- LAPEER [43.05, -83.32]

|                    |   |                         |
|--------------------|---|-------------------------|
| 03/15/12 18:48 EST | 0 | Hail (0.88 in)          |
| 03/15/12 18:48 EST | 0 | Source: Trained Spotter |

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### LAPEER COUNTY --- 1.7 NW IMLAY CITY [43.05, -83.10]

|                    |   |                         |
|--------------------|---|-------------------------|
| 03/15/12 18:50 EST | 0 | Hail (1.50 in)          |
| 03/15/12 18:50 EST | 0 | Source: Trained Spotter |

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### MONROE COUNTY --- TEMPERANCE [41.78, -83.57]

|                    |   |                         |
|--------------------|---|-------------------------|
| 03/15/12 19:19 EST | 0 | Hail (1.00 in)          |
| 03/15/12 19:19 EST | 0 | Source: Trained Spotter |

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### TUSCOLA COUNTY --- 3.4 SE WAHJAMEGA [43.41, -83.41]

|                    |   |                |
|--------------------|---|----------------|
| 03/15/12 19:30 EST | 0 | Hail (1.00 in) |
| 03/15/12 19:30 EST | 0 | Source: Public |

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### BAY COUNTY --- TOBICO [43.68, -83.93]

|                    |   |                         |
|--------------------|---|-------------------------|
| 03/15/12 20:00 EST | 0 | Hail (1.00 in)          |
| 03/15/12 20:00 EST | 0 | Source: Trained Spotter |

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### MONROE COUNTY --- 1.5 SSW WHITEFORD CENTER [41.75, -83.69]

|                    |   |                       |
|--------------------|---|-----------------------|
| 03/15/12 20:06 EST | 0 | Hail (1.75 in)        |
| 03/15/12 20:06 EST | 0 | Source: Amateur Radio |

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### LENAWEE COUNTY --- 0.7 S RIGA [41.81, -83.83]

|                    |   |                         |
|--------------------|---|-------------------------|
| 03/15/12 20:17 EST | 0 | Hail (1.00 in)          |
| 03/15/12 20:17 EST | 0 | Source: Trained Spotter |

An amplified, upper level weather pattern allowed for an unseasonably warm and humid air mass to infiltrate the southern Great Lakes region. Highly anomalous for the month of March, surface dew points climbed into the lower 60 degree range across much of Southeastern Michigan. This rich moisture combined with an upper level disturbance tracking northward through Lower Michigan to fuel a long duration severe thunderstorm event across Southeastern Michigan. The primary severe weather type observed with these storms was very large hail, along with 3 tornadoes.